Finecare™ Vet

Progesterone Timing Chart

For applicable kit lot numbers, please visit us at www.caninep4.com or support@k9p4go.com

This Canine Progesterone Timing Chart is designed to work only with the Vet test kits. Comparing values to laboratory results using different analyzers will not render useful comparisons. All dogs exhibit variability and deviation from the standard rules, in best practice, adjust the chart as needed for specific animals. Failure to achieve pregnancy may be due to improper use of chart, incorrect testing techniques, poor semen quality, or disease

Test Frequency Recommendation

- **If Value is between 2-5 ng/mL, test again in 3 days**
- **If value is between 6-10 ng/mL, test every 2 days**
- **If value is 10 or greater, test every day**

For best results, inseminate twice within fertile range

Conversion Factor: 3.18 x ng/mL = nMol/L

2-5 ng/mL	**Estimated LH Surge** **Progesterone rises, test every 2-3 days**
6-12 ng/mL	**Estimated Ovulation** *Varies per female, may reach as high as 13) *watch for ovulation stalling and test every 1-2 days *ovulated eggs require 2 days to mature
12-15 ng/mL	**Egg Maturation** Test every day
15-20 ng/mL	**Early Fertile Range**
20-35 ng/mL	**Fertile Range** **Confirm result is within fertile range prior to breeding**
35-50 ng/	**Late Fertile Range** *chances of pregnancy significantly reduced

Standard Timing By Ovulation

AI With Fresh or Chilled Semen, and Natural Breed

2-4 Days After Ovulation

*verify good sperm counts and forward motility

*ovulation must be confirmed and result in fertile range required

AI or TCI With Cryofrozen Semen

3-5 Days After Ovulation

*verify health of sperm being used for breeding

*instrument not recommend for surgical procedures

The ranges listed above has been compiled through a professional 720 test correlation with 3 automated immunology analyzers. Peer group data has also been used. Results from other analyzers will not match depending on instrument measurement method and manufacturer. This chart may be adjusted with the onset of new kit lot data provided. Intellectual property of MR Diagnostic Services 2022
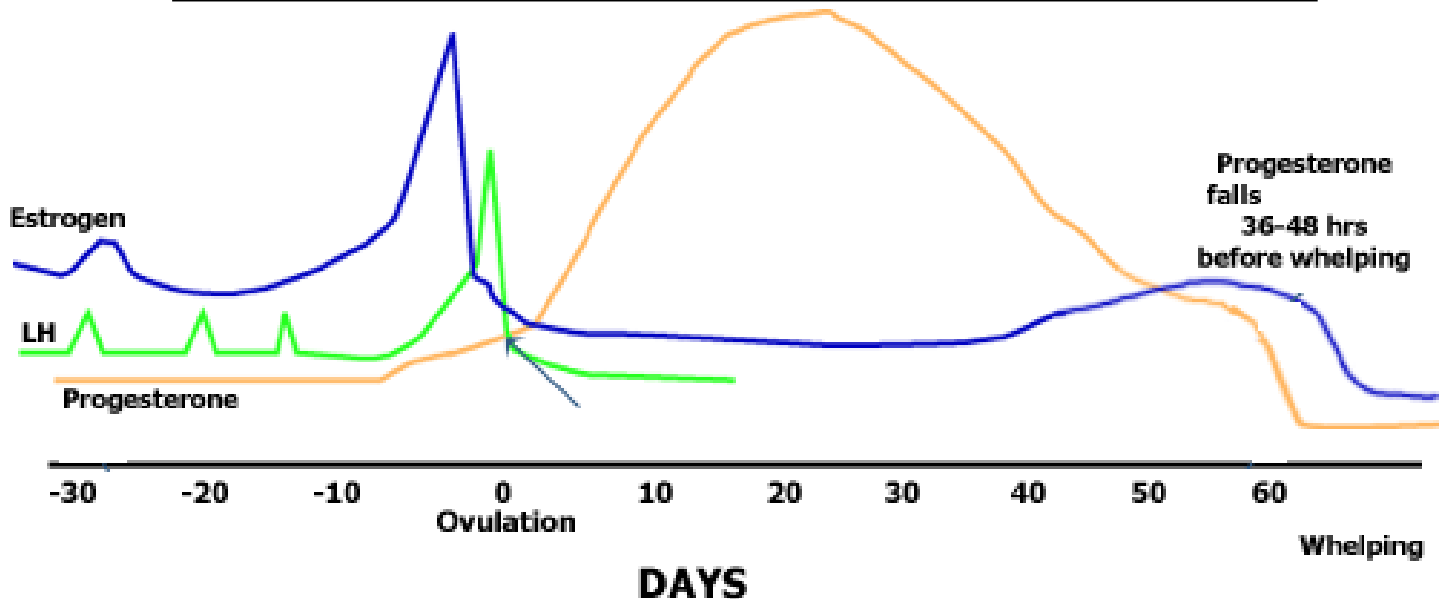
WWW.CANINEP4.COM   SUPPORT@K9P4GO.COM

>(greater than) 20 ng/mL	Confirm with ultrasound. Pregnancy progesterone levels vary widely by individual dog and breed. Supplement as needed. Maintain a minimum of 10 ng/mL
< (less than) 5 ng/mL	Whelping Estimated in less than 72 Hours. Estimated day 55 of pregnancy or further. For surgical whelping, confirm with secondary testing. Check for bitch's temperature drop.

Normal Hormone Variations in Canine Anestrus through Pregnancy

Estrogen

LH

Progesterone

Progesterone falls 36-48 hrs before whelping

-30   -20   -10   0   10   20   30   40   50   60
Ovulation

Whelping

DAYS

How do I track the ovulation date?

Ovulation dates are best tracked by running another test again the next day after her result places her in the "Estimated Ovulation" window. Bitches that ovulate above the recommendations, and ovulation stalling can hamper successful pregnancies if they occur unknowingly. For that reason, continuing testing well into the Green fertile range. Some bitches will **double, or jump, 1-2 days after truly ovulating**, and others may stall or progress more slowly. **You may see a large increase in a mere 24 hours, or in a week, depending on the female.**

If, after testing the next day, she is still in the ovulation range, she DID NOT ovulate the previous day and may be experiencing an ovulation stall, or split heat. Continue to monitor and test daily.

Having her result place her in the Estimated Ovulation range DOES NOT GUARANTEE she has actually ovulated as most bitches will ovulate based on a number of internal and environmental factors, and do not all ovulate at the exact same value. She may remain in the estimated ovulation for days in some cases.